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PATENT

Attorney Docket No. P03815US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Rothschild, et al. Group Art Unit: 1634  
SERIAL NO: 09/380,419 Examiner: Einsmann, J.  
FILED: July 24, 2000 Confirmation No: 2593  
TITLE: MELANOCORTIN-4 RECEPTOR GENE AND USE AS A GENETIC  
MARKER FOR FAT CONTENT, WEIGHT GAIN, AND/OR FEED  
CONSUMPTION OF ANIMALS

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING DATE OF EITHER A FINAL ACTION  
OR NOTICE OF ALLOWANCE (37 C.F.R. § 1.97(c))

Assistant Commissioner for Patents  
Washington, D.C. 20231

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This information disclosure statement is being filed *before* the mailing date of either a final action under § 1.113 or a notice of allowance under § 1.311, whichever occurs first.

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement.

Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

Authorization is hereby made to charge any additional fees required by this paper or credit any overpayment to Deposit Account 26-0084. A duplicate of this paper is attached.

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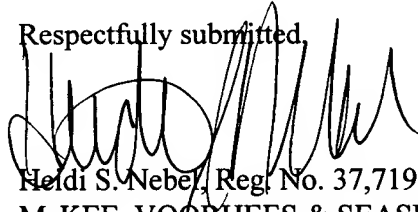
I hereby certify that the above correspondence was mailed to the Assistant Commissioner for Patents, Washington, D.C. 20231, as First Class mail, postage prepaid, this 5 day of August, 2002.

  
Heidi S. Nebel

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,



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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	09/380,419
		Filing Date	July 24, 2000
		First Named Inventor	ROTHSCHILD, Max F.
		Art Unit	1634
		Examiner Name	Einsmann, J.
		Attorney Docket Number	P03815US1
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		WO 00/06777	02/10/2000	Rothschild	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Kim K., et al., "A missense variant of the porcine melanocortin-4 receptor (MC4R) gene is associated with fatness, growth and feed intake traits", <u>Mammalian Genome</u> , Vol. 11, No. 2, (2000-02), pages 131-135 XP002944421	
		Nezer C. et al., "An imprinted QLT with major effect on muscle mass and fat deposition maps to the IGF2 locus in pigs", <u>Nature Genetics</u> , Vol. 21, No. 2 (1999-02) pages 155-156 XP002204960	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>

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